



# Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

For the week ending July 6, 2014  
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Minnesota farmers had 4.7 **days suitable for fieldwork** for the week ending July 6, 2014, the most in nearly a month, according to the USDA National Agricultural Statistics Service. Drier field conditions allowed many farmers to catch-up with herbicide and fertilizer spraying. First cutting of alfalfa hay made progress as conditions allowed, but still remains behind the five year average. Some farmers replanted corn and soybeans in areas that drowned out earlier.

**Topsoil moisture** supplies were rated 0 percent very short, 0 percent short, 70 percent adequate, and 30 percent surplus. **Subsoil moisture** supplies were rated 0 percent very short, 1 percent short, 67 percent adequate, and 32 percent surplus.

Nearly all of the **corn** crop has emerged with 64 percent in good to excellent condition. Limited reports of corn silking were received from respondents in the southern half of Minnesota. Thirteen percent of the soybean crop is blooming, 5 points behind the average. Soybean conditions rated 61 percent in good to excellent condition. Thirty-six percent of the **Spring wheat** crop was heading, 11 days behind normal, with 50 percent of the crop in good to excellent condition. Forty-three percent of the **barley** crop was heading, and 46 percent was in good to excellent condition. **Potato** conditions were rated 78 percent good to excellent. Sixty-one percent of the **oat** crop was heading, with 66 percent rated good to excellent. The first condition rating of the year for **dry edible beans** came in at 1 percent very poor, 11 percent poor, 38 percent fair, 46 percent good, and 4 percent excellent. **Sugar beet** conditions rated 20 percent good to excellent.

The **first and second cuttings of alfalfa hay** were 86 and 17 percent complete respectively. **All hay** conditions rated 1 percent very poor, 4 percent poor, 36 percent fair, 50 percent good, and 9 percent excellent. **Pasture** conditions were rated 1 percent very poor, 3 percent poor, 16 percent fair, 60 percent good, and 20 percent excellent.

## Soil Moisture Conditions as of July 6, 2014

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture .....	0	0	70	30
Subsoil Moisture .....	0	1	67	32

## Crop Conditions as of July 6, 2014

	Very Poor	Poor	Fair	Good	Exc.
Pasture .....	1	3	16	60	20
Hay, all .....	1	4	36	50	9
Oats .....	1	5	28	58	8
Barley .....	5	10	39	42	4
Corn .....	2	7	27	50	14
Soybeans .....	2	6	31	53	8
Spring Wheat .....	5	9	36	45	5
Potatoes, all .....	0	3	19	57	21
Sugarbeets .....	9	33	38	13	7
Dry Edible Beans .....	1	11	38	46	4

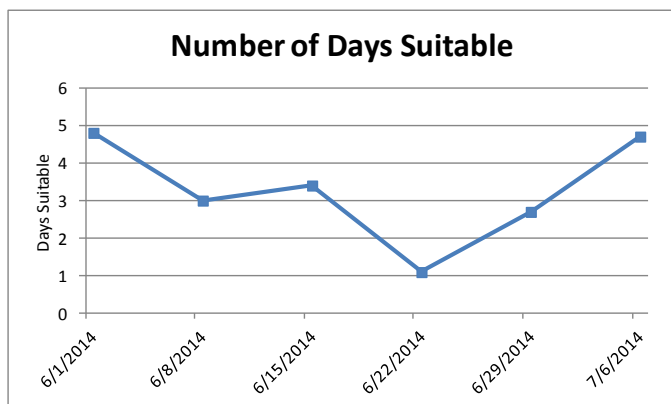
## Crop Progress as of July 6, 2014

	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Fieldwork	4.7	2.7	5.8	5.6

	Percent	Percent	Percent	Percent
Oats jointing .....	89	82	86	94
Oats headed .....	61	38	55	76
Barley jointing .....	80	63	89	92
Barley headed .....	43	17	55	65
Spring Wheat jointing .....	91	77	88	93
Spring Wheat headed .....	36	16	57	67
Soybeans blooming .....	13	2	4	18
Alfalfa Hay, first cutting .....	86	67	94	95
Alfalfa Hay, second cutting ....	17	2	NA	NA

NA Not Available



The following links provide further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week: <http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:  
<http://www.nws.noaa.gov/view/states.php?state=MN>

# Precipitation and Temperature Summary for 6/30/2014 through 7/6/2014

	Temperature				Precipitation				G D D	
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal			Since 05/16	Depart From Norm
						Past Week	Four Weeks	Since 4/1		
NORTHWEST DISTRICT										
Crookston	93	47	67	-1	0.24	-0.51	1.03	1.41	842	103
Itasca	M	M	M	M	M	M	1.91m	4.81m	428m	-203m
Moorhead	93	49	69.2	-0.6	0.51	-0.25	1.91	2.84	915	108
Pembina, ND	M	M	M	M	M	M	2.38m	3.76m	544m	-124m
Warroad	M	M	M	M	M	M	-1.96m	1.34m	468m	-173m
NORTH CENTRAL DISTRICT										
Grand Rapids	83	46	64.7	-2.2	0.39	-0.66	1.3	4.74	741	57
Intl. Falls	82	42	63	-1.2	0.85	-0.07	5.76	7.55	674	80
NORTH EAST DISTRICT										
Duluth	83	51	67.4	3.2	0.87	-0.08	-0.32	2.31	626	68
Grand Marais	75	42	55.5	-3.1	2.16	1.36	1.72	2.73m	293m	-62m
Hibbing	84	42	65	2	0.16	-0.9	-0.66	7.98	725	191
WEST CENTRAL DISTRICT										
Alexandria	89	51	67.8	-1.6	0.98	0.12	0.65	5.8	812m	40m
Breckenridge	92	51	68.5	-1	0.27	-0.63	2.28m	5.13m	761m	-35m
Browns Valley	89	51	68.2	-1.9	0.41	-0.46	2.13m	3.14m	710m	-92m
Canby	M	M	M	M	M	M	.95m	3.79m	696m	-172m
Montevideo	89	54	69.9	-0.8	0.05	-0.88	2.05	3.59	901	57
Morris	88	50	68.1	-1.5	0.85	-0.09	2.25	5.04	848	44
Wheaton	89	53	68	-2.5	0.76	-0.09	2.43	5.02	853	30
CENTRAL DISTRICT										
Becker	87	52	70.8	0.8	0.25	-0.81	0.66	9.5	893	70
Collegeville	85	53	69.2	-2.1	0.2	-0.74	1.03	5.02	901	38
Hutchinson	89	54	70.5	-0.8	0.06	-0.84	0.37	5.58	926	63
Melrose	88	53	67.9	-1.1	0.48	-0.41	1.5	9.43	821	50
Olivia	86	49	66.6	-4.1	0.3	-0.65	3.52	8.31	827	-24
St. Cloud	89	51	70.2	0.9	0.23	-0.62	1.45	8.64	925	146
Wadena	86	48	66.1	-0.5	1.97	1.03	.55m	-1.68m	370m	-312m
Willmar	88	51	68.4	-2.7	0.55	-0.46	3.46	7.01	847	-16
EAST CENTRAL DISTRICT										
Aitkin	82	49	66	-0.5	0.55	-0.5	1	3.83	796	133
Forest Lake	85	52	69.5	-1.3	0.09	-0.96	2.04	8.63	879	31
MSP Airport	90	54	70.4	-2.4	0.29	-0.65	4.37	11.39	956	47
Mora	83	49	67	-1.2	0.28	-0.68	1.02	8.98	782	43
St. Paul - UofM	86	58	72	1.2	0.11	-0.94	2.39	7.85	959	111
SOUTH WEST DISTRICT										
Lamberton	85	52	69	-2.3	0.11	-0.81	0.76	1.56	910	27
Marshall	87	53	70.9	-0.7	0.05	-0.82	3.73	5.01	971	91
Pipestone	86	52	70	-0.4	0.51	-0.37	2.25	1.56	912	87
Redwood Falls	92	52	70.8	-1.1	0.11	-0.8	3.96	7.12	967	67
Sioux Falls	92	51	70.4	-1.5	0.14	-0.66	5.59	5.98	943	77
Worthington	84	51	69	-1.9	0.07	-0.9	3.16	0.94	874	22
SOUTH CENTRAL DISTRICT										
North Mankato	84	53	67.4	-4	-0.1	1	5.01	7.55m	886	8
Owatonna	81	50	67	-4.3	0.31	-0.75	3.32	5.46	885	18
Waseca	80	51	67.2	-4.3	0.32	-0.71	4.59	6.63m	882	-14
Winnebago	82	52	68	-3.7	0.19	-0.82	0.91	5.13	924	31
SOUTH EAST DISTRICT										
Cannon Falls	82	49	66.7	-3.9	0.14	-0.83	2.93	2.09m	662m	-169m
La Crosse	87	51	70.2	-2.6	0.35	-0.65	1.23	4.31	1044	116
Preston	80	45	65.8	-4.3	0.42	-0.66	3.84	3.25	855	43
Red Wing	85	57	69.6	-1.8	0.08	-0.81	3.87	8.1	943	80
Rochester	85	51	66.6	-4.2	0.12	-0.95	1.21	1.5	902	45
Rosemount	82	54	68.7	-2	0.2	-0.85	3.04	9.32	885	41
Winona Dam	82	53	68.5	-2.4	0.12	-0.85	1.57	2.59	929	85

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

Data in this summary are courtesy of National Weather Service Offices and Cooperators, and the University of Minnesota Agricultural Experiment Station. This summary is prepared by the Minnesota Extension Service Agricultural Meteorologist and the Department of Natural Resources State Climatology Office.

URL://climate.umn.edu